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Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=10; day=23; hr=9; min=43; sec=54; ms=895;]

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Application No: 10554308 Version No: 4.0

Input Set:

Output Set:

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Finished: 2008-09-19 18:22:18.550
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Total Warnings: 6
Total Errors: 0
No. of SeqIDs Defined: 13
Actual SeqID Count: 13

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W 402	Undefined organism found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
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SEQUENCE LISTING

<110> Takaiwa, Fumio
Takagi, Hidenori

<120> METHOD OF ACCUMULATING ALLERGEN-SPECIFIC T CELL ANTIGEN
DETERMINANT IN PLANT AND PLANT HAVING THE ANTIGEN DETERMINANT
ACCUMULATED THEREIN

<130> 201487/1160

<140> 10554308

<141> 2006-04-17

<150> JP 2003-120639

<151> 2003-04-24

<150> PCT/JP04/005938

<151> 2004-04-23

<160> 13

<170> PatentIn version 3.5

<210> 1

<211> 96

<212> PRT

<213> Homo sapiens

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Val Thr Val Ala Phe Asn Gln Phe Gly Pro Asp Ile Phe Ala Ser Lys
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Asn Phe His Leu Gln Lys Asn Lys Leu Thr Ser Gly Lys Ile Ala Ser
35 40 45

Cys Leu Asn Tyr Gly Leu Val His Val Ala Asn Asn Asn Tyr Asp Pro
50 55 60

Ser Gly Lys Tyr Glu Gly Gly Asn Ile Tyr Thr Lys Lys Glu Ala Phe
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Asn Val Glu Gln Phe Ala Lys Leu Thr Gly Phe Thr Leu Met Gly Arg
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<210> 2

<211> 192
<212> PRT
<213> Homo sapiens

<400> 2

Gly Ile Ile Ala Ala Tyr Gln Asn Pro Ala Ser Trp Lys Ser Met Lys
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Val Thr Val Ala Phe Asn Gln Phe Gly Pro Asp Ile Phe Ala Ser Lys
20 25 30

Asn Phe His Leu Gln Lys Asn Lys Leu Thr Ser Gly Lys Ile Ala Ser
35 40 45

Cys Leu Asn Tyr Gly Leu Val His Val Ala Asn Asn Asn Tyr Asp Pro
50 55 60

Ser Gly Lys Tyr Glu Gly Gly Asn Ile Tyr Thr Lys Lys Glu Ala Phe
65 70 75 80

Asn Val Glu Gln Phe Ala Lys Leu Thr Gly Phe Thr Leu Met Gly Arg
85 90 95

Gly Ile Ile Ala Ala Tyr Gln Asn Pro Ala Ser Trp Lys Ser Met Lys
100 105 110

Val Thr Val Ala Phe Asn Gln Phe Gly Pro Asp Ile Phe Ala Ser Lys
115 120 125

Asn Phe His Leu Gln Lys Asn Lys Leu Thr Ser Gly Lys Ile Ala Ser
130 135 140

Cys Leu Asn Tyr Gly Leu Val His Val Ala Asn Asn Asn Tyr Asp Pro
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Ser Gly Lys Tyr Glu Gly Gly Asn Ile Tyr Thr Lys Lys Glu Ala Phe
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Asn Val Glu Gln Phe Ala Lys Leu Thr Gly Phe Thr Leu Met Gly Arg
180 185 190

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<211> 24
<212> PRT

<213> Oryza sativaL. cv Manngetsumochi

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Leu Leu Cys His Gly Ser Met Ala
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<210> 4

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<212> PRT

<213> Oryza sativaL. cv Manngetsumochi

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Met Ala Ser Ile Asn Arg Pro Ile Val Phe Phe Thr Val Cys Leu Phe
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Leu Leu Cys Asp Gly Ser Leu Ala
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<211> 23

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<213> Oryza sativaL. cv Manngetsumochi

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Met Ala Ser Lys Val Val Phe Phe Ala Ala Ala Leu Met Ala Ala Met
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Val Ala Ile Ser Gly Ala Gln
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<210> 6

<211> 3350

<212> DNA

<213> Artificial

<220>

<223> Artificially constructed DNA sequence

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aaagaaggta cactttacct acacaacgcc actaacctga gttaccacgc ccatgcaaaa 180

tagccacgtc ttgtgactta agggatttcg cgacaaggca tttcgaaagc ccacacaagg	240
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<212> PRT

<213> Artificial

<220>

<223> Putative amino acid sequence coded by artificially constructed

DNA sequence

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Leu Leu Cys His Gly Ser Met Ala Gln Pro Met Gly Ile Ile Ala Ala
20 25 30

Tyr Gln Asn Pro Ala Ser Trp Lys Ser Met Lys Val Thr Val Ala Phe
35 40 45

Asn Gln Phe Gly Pro Asp Ile Phe Ala Ser Lys Asn Phe His Leu Gln
50 55 60

Lys Asn Lys Leu Thr Ser Gly Lys Ile Ala Ser Cys Leu Asn Tyr Gly
65 70 75 80

Leu Val His Val Ala Asn Asn Asn Tyr Asp Pro Ser Gly Lys Tyr Glu
85 90 95

Gly Gly Asn Ile Tyr Thr Lys Lys Glu Ala Phe Asn Val Glu Gln Phe
100 105 110

Ala Lys Leu Thr Gly Phe Thr Leu Met Gly Arg Lys Asp Glu Leu
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<211> 1474

<212> DNA

<213> Oyrza sativa

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atggggttcca acacagcgga ttggatgccg atggcacgta actggggcgc ccaatggcac	180
tcactggcct acctcaccgg tcaaggtcta tcctttagggt tcaccaaacac agatgaccaa	240
acgctcgtct tcaccaacgt cgtgccacca ggatggaagt ttggccagac atttgcaagc	300
aagctgcagt tcaagtgaga ggagaagcct gaattgatac cggagcgttt cttttgggag	360
taacatctct gggtgcctag caaacatatg attgtatata agtttcggtg tgcgtttatt	420
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cacacgacaa atccttccat ttctattatt attgaacaat ttaattgcga gggcgagtac	540
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 <212> DNA
 <213> Oryza sativa

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cttcctcggt tctctttatt tgtaagataa agaactagat atgtggaaag taggatagca	180
aagagtatgg ccaaactcta atctttgctt tatttttttg gatggacca aaatttgttt	240
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aagtttacct actcaatcat tcacatatgg cgatgactca aactcttaat tgttatctgg	420
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ccaaaagtat tgggtgaata aatgtccaaa taaattccat gcctcatgat ttccagctta	660
tgtggcctcc actaggtggt tttgcaaagg ccaaactctt tcctggetta cacagctacc	720
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 <212> DNA
 <213> *Oryza sativa*

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caaacctca ttccacaaaa cgatgcatct agataaaaaa tatgacatgt aaagtgagta	600
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 <213> *Homo sapiens*

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Lys Asp Glu Leu
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<210> 12

<211> 6

<212> PRT

<213> Homo sapiens

<400> 12

Ser Glu Lys Asp Glu Leu
1 5

<210> 13

<211> 4

<212> PRT

<213> Saccharomyces cerevisiae

<400> 13

His Asp Glu Leu
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